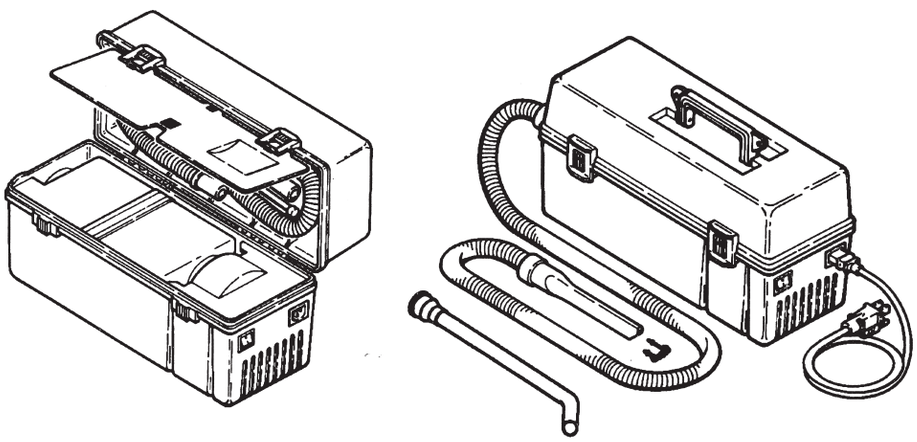
Service and Electronic/Vacuum Operating Instructions



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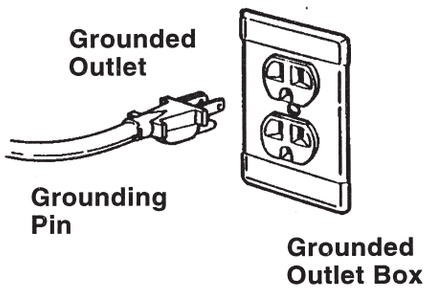
Grounding Instructions



This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be used with an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ DANGER

IMPROPER CONNECTION OF THE EQUIPMENT-GROUNDING CONDUCTOR CAN RESULT IN A RISK OF ELECTRIC SHOCK. CHECK WITH A QUALIFIED ELECTRICIAN OR SERVICE PERSON IF YOU ARE IN DOUBT AS TO WHETHER THE OUTLET IS PROPERLY GROUNDED. DO NOT MODIFY THE PLUG PROVIDED WITH THE APPLIANCE. IF THE PLUG DOES NOT FIT THE OUTLET, HAVE A PROPER OUTLET INSTALLED BY A QUALIFIED ELECTRICIAN.

This appliance is for use on a nominal 120-volt circuit and has a grounding plug as shown in the illustration at left. Make sure the appliance is connected to an outlet having the same configuration as the plug. **No adapter should be used with this appliance**.

Any service on this vacuum cleaner should be performed by an authorized service representative.

⚠ WARNING!

Power Cord Replacement: To reduce the risk of fire or electric shock, use appliance only with 3M Part No. SV-PC8 or SV-PC15 supply cord. If cord is damaged or lost, replace only with 3M Part No. SV-PC8 or SV-PC15 supply cord.

SV-PC8 Stock No. 80-6104-7964-6

SV-PC15 Stock No. 80-6104-7965-3

Specifications for 3M Vacuums

Electrical

120 VAC

50/60 Hz

6.8 amps

Dimensions 3M Vacuum

Length 17-13/16 in.

Width 7-3/4 in.

Height 9-1/4 in.

Weight 9 lbs., 14 oz.

Motor

1 H.P.

Continuous duty rated sealed ball bearings lubricated for life. Internal thermal breaker opens at 221°F [105°C] and automatically closes when motor cools (after about 30 minutes).

Certification

U.L. Listed (U.S. and Canada)

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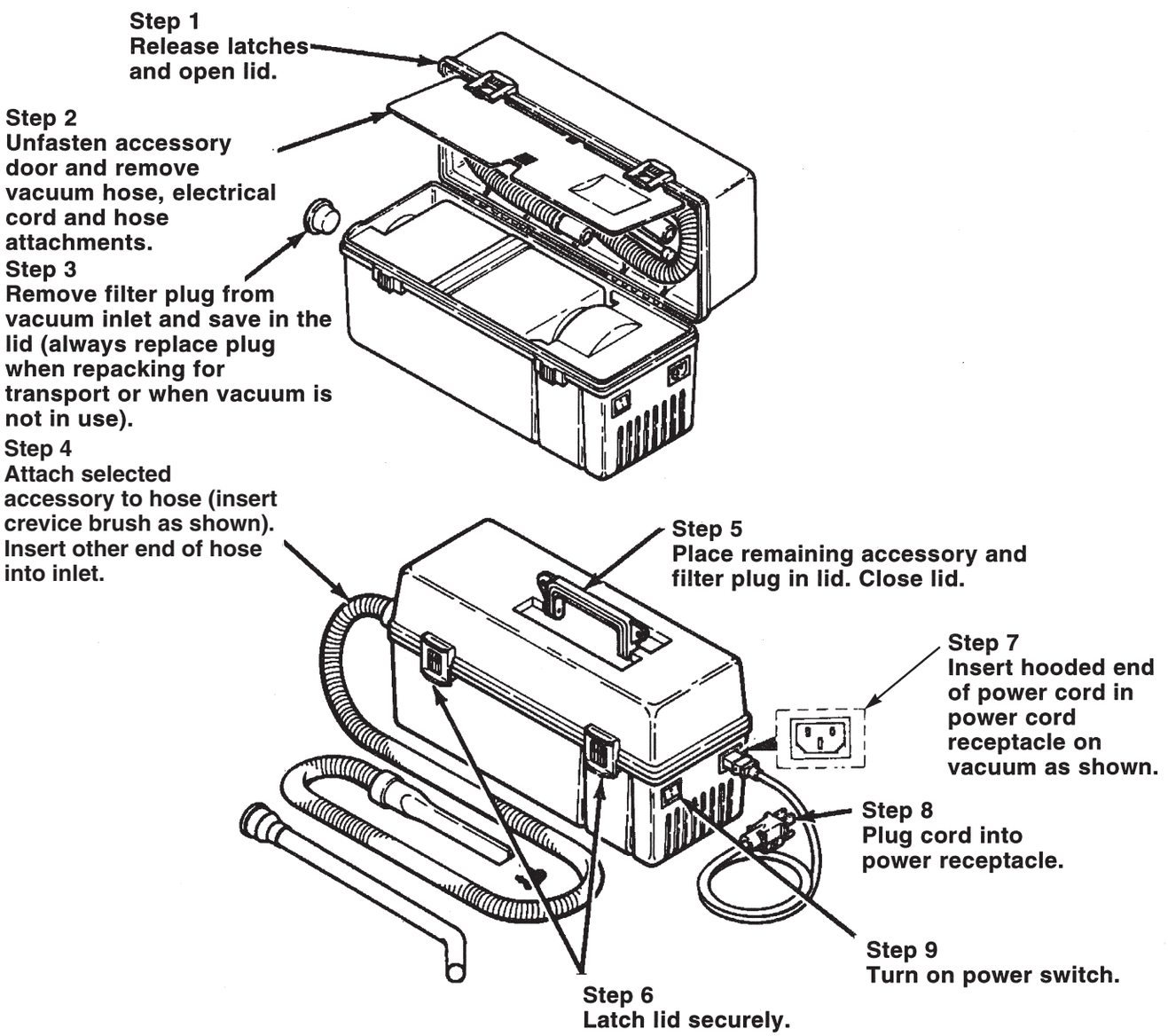
To Operate


Step 1
Release latches and open lid.
Step 2
Unfasten accessory door and remove vacuum hose, electrical cord and hose attachments.
Step 3
Remove filter plug from vacuum inlet and save in the lid (always replace plug when repacking for transport or when vacuum is not in use).
Step 4
Attach selected accessory to hose (insert crevice brush as shown). Insert other end of hose into inlet.
Step 5
Place remaining accessory and filter plug in lid. Close lid.
Step 7
Insert hooded end of power cord in power cord receptacle on vacuum as shown.
Step 8
Plug cord into power receptacle.
Step 9
Turn on power switch.
Step 6
Latch lid securely.

Follow the steps in the illustration. DO NOT OPERATE WHEN FILTER IS FULL. A lack of exhaust air, or diminished suction, indicates a full filter.

⚠ WARNING

ELECTRIC SHOCK COULD OCCUR IF USED OUTDOORS OR ON WET SURFACES.

1. Release the latches and open the lid.
2. Unfasten the accessory door and remove the vacuum hose, electrical cord and hose attachments.
3. Remove the L-15X filter plug from the vacuum inlet and save in the lid (always replace plug when the vacuum is not in use or repacking for transport).
4. Attach the selected accessory to the hose (insert the crevice brush as shown). Insert the hose into the inlet.
5. Place the other accessories and plug in the lid. Close the lid.
6. Latch the lid securely.
7. Plug the cord into the vacuum.
8. Plug the cord into the power receptacle.
9. Turn on the power switch.

Note

The motor has a thermal breaker that opens and stops the motor if it overheats. This usually occurs if the filter is full and needs to be replaced. The motor will restart automatically when it cools (after about 30 minutes).

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To Store Attachments for Transport

1. Unplug the power cord from the outlet and the vacuum.
2. Open the lid and retrieve the L-15X filter plug.
3. Remove the hose from the inlet and insert the L-15X filter plug.
4. Detach the hose nozzle from the base.
5. Place the hose, power cord and attachments into the lid and close the accessory door.
6. Close the lid and securely fasten the latches.

To Replace Filter

1. Release the latches and open the lid.
2. Remove either the L-15X filter plug or hose. Save the plug for use later (see note below).
3. Grasp the filter and pull it straight up.
4. Insert the L-14X filter plug in the filter.
5. Dispose of the filter in a suitable manner.
6. Remove the L-14X plug from the new filter and position filter in the vacuum with the filter hole to your left. Save the L-14X plug for use in disposing the filter (see note below).

Note

The L-15X plug (longer plug) is used to cover the filter inlet for storage when the vacuum cleaner is not in use. This plug comes with the filter in a new vacuum cleaner. The L-14X plug (shorter plug) is used to cover the filter inlet for disposal. This plug comes with each new replacement filter.

7. Verify that the gasket between the filter and the motor fits tightly.
8. Insert the L-15X filter plug or hose.
9. Close and latch the lid.

⚠ WARNING

ELECTRIC SHOCK COULD OCCUR IF USED OUTDOORS OR ON WET SURFACES!

⚠ CAUTION

Do not operate when filter is full. A lack of exhaust is an indication of a full filter.

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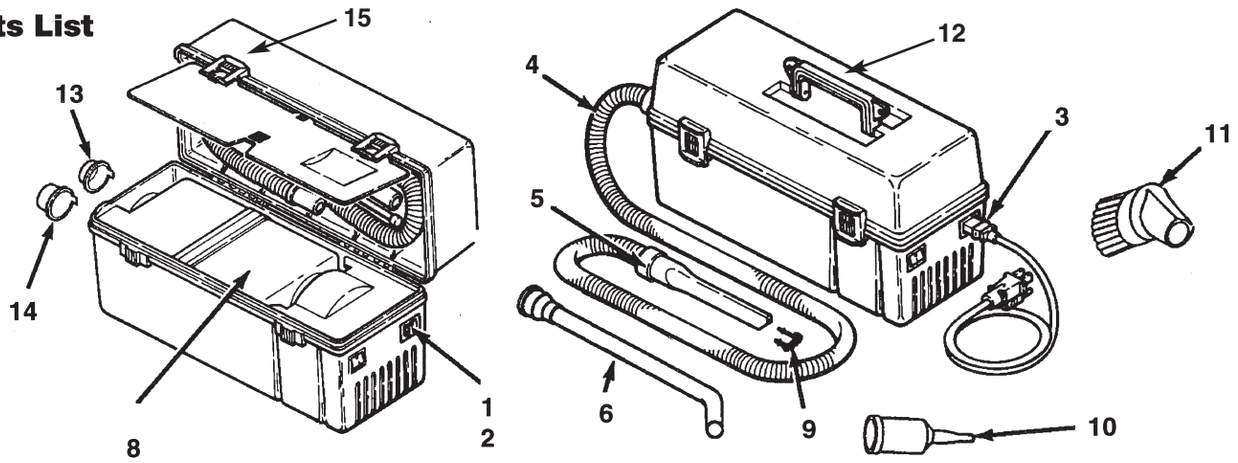
Parts List



Item	Part Number	Description	Type of Vacuum
1	80-6104-7963-8	Power Cord Receptacle (SV-PCR)	Service
2	78-8063-1874-3	Power Cord Receptacle with RFI Filter (SV-PCR3)	Electronics
3	80-6104-7964-6	Power Cord, 8 foot (SV-PC8)	Service/Electronics
4	78-8063-2418-8	Vacuum Hose (SV-SH32)	Service/Electronics
5	80-6104-7958-8	Crevice Nozzle (SV-CN1)	Service/Electronics
6	78-8063-1540-0	Curved Wand Nozzle (SV-WA2)	Service/Electronics
8	78-8005-5350-1	Type 2 Filter, Toner/Dust (SV-MPF2)	Service/Electronics
9	80-6104-7957-0	Crevice Brush (SV-CB1)	Service/Electronics
10	78-8079-9435-1	Needle Nose Nozzle (SV-NN)	Electronics
11	80-6104-7960-4	Dusting Brush (SV-DBSD1)	Electronics
12	80-6104-7961-2	Handle (SV-H)	Service/Electronics
13	80-6104-7640-2	Short Red Filter Plug L-14X (SV-SRP)	Service/Electronics
14	80-6104-7639-4	Long Red Filter Plug L-15X (SV-LRP)	Service/Electronics
15	80-6104-7962-0	Latch (SV-LS)	Service/Electronics

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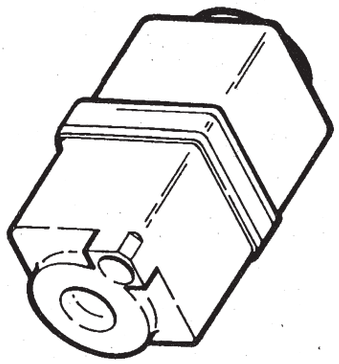
Accessories Parts List

These accessories are interchangeable on all 3M vacuums.



3M™ Type 1 Filter, Fine Particle (SV-SPF1)

78-6969-6211-3. A thinner, more concentrated weave (HEPA media) for trapping extremely fine particles to 0.3 microns. Typical applications are color laser printers, color copiers and highly sensitive equipment. (Disposable)

3M™ Type 2 Filter, Toner/Dust (SV-MPF2)

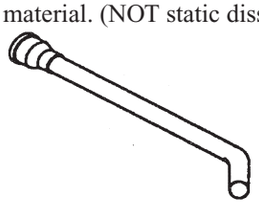
78-8005-5350-1. Specifically designed for trapping unwanted toner from copiers and laser printers. Also ideal for cleaning data processing equipment. (Disposable)

3M™ Dusting Brush, Static Dissipative (SV-DBSD1)

80-6104-7960-4. Used for applications involving static sensitive electronic components (such as circuit boards) to prevent static buildup.

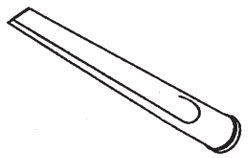
3M™ Crevice Brush (SV-CB1)

80-6104-7957-0. Used with crevice nozzle for general cleaning where a brush is needed to loosen foreign material. (NOT static dissipative.)



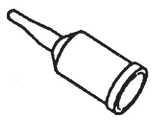
3M™ Curved Wand Nozzle, Static Dissipative (SV-WA2)

78-8063-1540-0. Used for general cleaning on hard to reach areas. Static dissipative properties prevent static buildup.



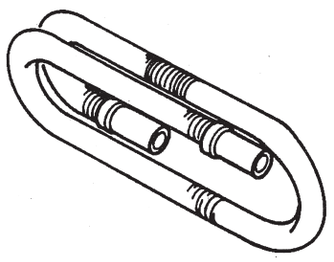
3M™ Crevice Nozzle, Static Dissipative (SV-CN1)

80-6104-7958-8. Used for general cleaning of loose materials in accessible areas. Prevents static buildup.



3M™ Needle Nose Nozzle, Static Dissipative (SV-NN)

78-8079-9435-1. Used primarily for cleanign circuit boards. Needle nose design permits cleaning in very small areas, and static dissipative properties prevent static buildup.



3M™ Stretch Hose, 32-Inch (SV-SH32)

78-8063-2418-8. Used for general applications. Stretches to approximately 10 feet.

3M™ Stretch Hose, 50-Inch (SV-SH50)

78-8068-5818-5. Used where vacuum cannot be brought close to the object or area being cleaned.

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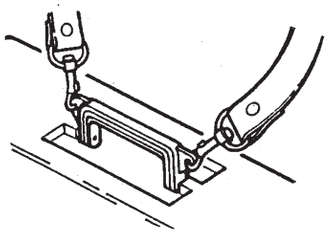
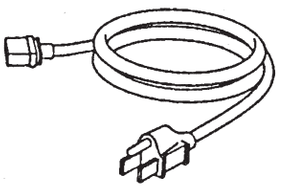


3M™ Carrying Strap (SV-CS1)

80-6104-7959-6. Used where hands-free transport of vacuum is preferred.



3M™ Power Cord, 8-Foot (SV-PC8)

80-6104-7964-6. Standard power cord supplied with vacuum.

3M™ Power Cord, 15-Foot (SV-PC15)

80-6104-7965-3. Used where electrical outlet cannot be reached with standard 8-foot cord. Optional.

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3M™ Service Vacuum Cleaner and Tool Case Limited Warranty and Limitation of Liability

Limited Warranty: To the first user purchasing this 3M Service Vacuum Cleaner and Tool Case, 3M warrants that the 3M Service Vacuum will be free of defects in material and manufacture for a period of three (3) years from the time of purchase and the Tool Case will be free of defects in material and manufacture for a period of one (1) year from the date of purchase. Should any failure to conform to this warranty appear within this period upon notice to 3M within said three (3) years for the service vacuum cleaner and one (1) year for the tool case from the date of purchase, and upon proof of purchase, 3M shall, at its option, either repair or replace the defective product. It will be the purchaser's responsibility to return the product, freight prepaid, to the service location specified by 3M. These remedies are the purchaser's exclusive remedies for breach of this warranty.

Exclusions to Warranty Coverage: The above warranty shall not apply to any 3M Service Vacuum Cleaner that has been modified without the approval of 3M, or has been damaged by negligence, misuse, accident, failure to follow 3M's written operating instructions or use of any filter which does not meet 3M specifications. Consumable supplies, such as filters, are not covered by the above warranty.

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This Vacuum is Intended for Commercial Use Only

Important Safety Instructions — *Save These Instructions*

Read all instructions before using the vacuum.

When using an electrical appliance, always use basic precautions, including the following:

⚠ WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY, FOLLOW THESE SAFETY RULES:

1. **Use only as described in this manual. Use only manufacturer's recommended attachments.**
2. **Do not use this machine to vacuum hazardous dust.**
3. **Connect to a properly grounded outlet only. See *Grounding Instructions*.**
4. **Do not use without filter in place.**
5. **Do not leave appliance plugged in when not in use. Unplug from outlet when not in use and before servicing.**
6. **Turn off all controls before unplugging.**
7. **Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.**
8. **Do not handle plug or appliance with wet hands.**
9. **Do not use appliance outdoors or on wet surfaces. Electric shock could occur.**
10. **Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped or damaged, left outdoors, or dropped in water, discontinue use.**
11. **Do not pull or carry by cord, use cord as a handle, close a door on cord or pull cord around sharp edges and corners. Keep cord away from heated surfaces.**
12. **Do not put any object into openings. Do not use with any opening blocked. Keep openings free of dust, lint, hair, and anything that may reduce air flow.**
13. **Keep hair, loose clothing, fingers, and all body parts away from openings and moving parts.**
14. **Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.**
15. **Do not use to pick up flammable or combustible liquids, such as gasoline, and do not use in areas where these may be present.**
16. **Do not allow to be used as a toy. Close attention is necessary when used near children.**

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